

**Wilcox Oil Incremental Sampling Mobilization  
Equipment and Supplies for OSRTI Activities**

Equipment	Provided by	Comments
<b>Sample Collection &amp; Field Team</b>		
CMIST Samplers	EPA Region 4	5 modified CMIST/Pogo-Samplers and will come with 2 slide hammers
Soil Probe Sampler	ICF	AMS 1" x 36" Plated Replaceable Tip Soil Probe w/24" Slot (AMS Part # 425.52) and heavy duty replaceable tip (AMS Part Number: 425.74). Hex pin connector is preferred over threaded connector (strength). 3 probes and tips (4-6) should be available to optimize production and to address expected equipment failure/damage. Special spanner wrench is required for this tool.
Slide and Electric Impact Hammer	ICF	AMS makes a threaded slam bar for driving the soil probes (AMS Part Number: 400.96). 2 required, (one for for backup/production).
Decontamination supplies	ERT	Buckets, Distilled water, brushes, spray bottles, foil (& possible level C equipment)
Data RAM	ERT	Air Monitoring equipment
Sample locating supplies	ERT	Pin flags, paint (?), 100 foot fiberglass tape (2), measuring wheel, GPS with 2 to 3' accuracy
Sample Containers	ERT	1 gallon plastic heavy duty zipper seal bags (1/2 gallon may be OK for 9-point samples). 2 to 3 gallon bags for organizing and storing all replicates from one DU/SU.  3 plastic insulated coolers – 75 quart (or similar capacity)  Will give to EA to ship.
First Aid Kits	ERT	2 First Aid Kits Needed – one for each field team
Field Books	TIIB	Matt will bring 2 field books – one for each area (XRF instruments have their own lab books)
Sediment Basin Sampler	None	Will purchase materials from home depot, TSC or Walmart and build on site

Sample Preparation & Lab Team		
On-Site Trailer & Conex Box	EA	EA is looking for keys to trailer (will use tent as an alternate) and conex box to store equipment on site
Generator	EA and (ICF??)	Power for the trailer (Send EA info to Jim)
Niton and Olympus XRF Instruments	Niton – TIIB  Olympus - ERT	An XRF instrument for each area (LBA/EBA)
Disaggregation supplies	ERT	2 Rubber mallets, butcher paper, 4 cookie trays, and heavy duty aluminum foil
Labeling and sample storage supplies	ERT	Scotch tape and permanent markers
PPE	ERT	Nitrile gloves, dust masks, eye protection, rubber boots (per HASP)
PPE	Everybody	Respirators and P-100 cartridges
PPE	ICF	Tyvek level C suits
Sieves	ERT	10 and 100 mesh Stainless Steel or Brass sieves. Either 8 or 12 inch diameter, with lid and catch pan.
Mifi	ERT and TIIB	Henry will bring one from ERT and Matt can use phone as hot spot.
XRF Control Charts	TIIB and ERT	Maybe developed onsite with CRMs
CRMs	TIIB and ERT	Bring full sets of CRMs (SiO <sub>2</sub> , RCRA, NIST....)
Tent/Canopy	EA	On site already, may need tables and chairs (rent or purchase on site)